

Title (en)

DEVICE FOR ACTUATING AN ELECTRONIC LOCKING SYSTEM AND/OR A LOCK INTEGRATED IN A DOOR, A FLAP OR THE LIKE, ESPECIALLY IN A MOTOR VEHICLE

Title (de)

VORRICHTUNG ZUR BETÄIGUNG EINES ELEKTRONISCHEN SCHLIESSSYSTEMS UND/ODER EINES IN EINER TÜR, EINER KLAPPE OD. DGL. EINGEBAUTEN SCHLOSSES, INSbesondere BEI EINEM FAHRZEUG

Title (fr)

DISPOSITIF POUR ACTIONNER UN SYSTEME DE FERMETURE ELECTRONIQUE ET/OU UNE SERRURE INCORPOREE DANS UNE PORTE, UN VOLET OU SIMILAIRE, NOTAMMENT SUR UN VEHICULE

Publication

EP 1218612 B1 20050810 (DE)

Application

EP 00969380 A 20001002

Priority

- DE 19947977 A 19991005
- EP 0009633 W 20001002

Abstract (en)

[origin: WO0125575A1] The invention relates to a device for actuating an electronic locking system and/or a lock integrated in a door (40), a flap or the like, especially in a motor vehicle. Said locking system or lock is actuated by a handle (10) mounted on the door outer side (41). Said handle (10) is fixed to the door (40) by means of a support shoulder (11). The fixation can be of a swiveled type. Known door handles are provided with plug-in couplings mounted on the support shoulder (11) of the door handle (10) to contact the electronics mounted in the handle with control electronics. The aim of the invention is to simplify the manufacture of such a device. To this end, an electric coupling element (31) is swivellably mounted on the support shoulder (11). The support (20) on the door carries a swivelably and/or slideably mounted, electric counter coupling element (32). The inventive device allows that the electric coupling elements (31, 32) of the electric plug-in coupling (30) can be coupled into the door opening simultaneously with the insertion of the support shoulder (11) of the door handle (10), namely already in the first assembly stage.

IPC 1-7

E05B 65/20; E05B 7/00; E05B 17/22

IPC 8 full level

E05B 85/10 (2014.01); **E05B 7/00** (2006.01); **E05B 17/22** (2006.01); **E05B 65/20** (2006.01); **E05B 81/76** (2014.01); **E05B 85/16** (2014.01);
E05B 79/06 (2014.01); **E05B 85/00** (2014.01)

CPC (source: EP KR US)

E05B 81/76 (2013.01 - EP US); **E05B 85/10** (2013.01 - KR); **E05B 85/16** (2013.01 - EP US); **E05B 79/06** (2013.01 - EP US);
E05B 85/01 (2013.01 - EP US)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

WO 0125575 A1 20010412; AU 7911500 A 20010510; DE 19947977 C1 20010503; DE 50010934 D1 20050915; EP 1218612 A1 20020703;
EP 1218612 B1 20050810; ES 2244479 T3 20051216; KR 100566646 B1 20060331; KR 20020059606 A 20020713; US 6910303 B1 20050628

DOCDB simple family (application)

EP 0009633 W 20001002; AU 7911500 A 20001002; DE 19947977 A 19991005; DE 50010934 T 20001002; EP 00969380 A 20001002;
ES 00969380 T 20001002; KR 20027004374 A 20020404; US 8883602 A 20020321